



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re application of:)	Examiner: Hamud, Fozia M.
)	
Kevin P. BAKER, et al.)	Art Unit: 1647
)	
Application Serial No. 10/006,818)	Confirmation No: 1321
)	
Filed: December 6, 2001)	Attorney's Docket No. 39780-2830 P1C4
)	
For: SECRETED AND TRANSMEMBRANE)	Customer No. 35489
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INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

MAIL STOP RCE
Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

Listed below or on an attached Form PTO-1449 is information known to applicant(s). A copy of each listed publication and U.S. and foreign patent, except for pending U.S. applications, is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If Form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with M.P.E.P. §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.


- ☒ This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):
- ☐ (1) It is being filed within 3 months of the application filing date and is other than a continued prosecution application under § 1.53(d)
-- OR --
- ☐ (2) It is being filed within 3 months of entry of a national stage
-- OR --
- ☐ (3) It is being filed before the mail date of the first Office Action on the merits
-- OR --
- ☒ (4) It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.
- ☐ 37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; or (3) the mailing date of a first Office action on the merits, but before the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, then:
- ☐ a certification as specified in §1.97(e) is provided below; **or**
- ☐ a fee of **\$180.00** as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- ☐ 37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, but before payment of the issue fee, then:
- A. a certification as specified in §1.97(e) is completed below; and
- B. a petition under 37 C.F.R. §1.97(d) requesting consideration of this statement is submitted herewith; **and**
- C. a fee of \$130.00 as set forth in §1.17(i)(1) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- ☒ **Fee Authorization.** The Commissioner is hereby authorized to charge the above-referenced fees of **\$0.00** and charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. **08-1641 (Attorney's Docket No. 39780-2830 P1C4).**

Respectfully submitted,

Dated: March 9, 2007

By: Barrie D. Greene
Barrie D. Greene (Reg. No. 46,740)

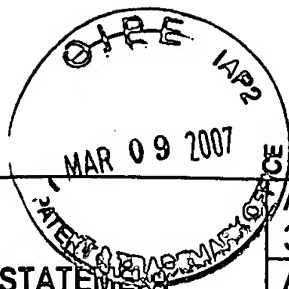
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U.S. PATENT DOCUMENTS							
Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date (if appropriate)
FOREIGN PATENT DOCUMENTS							
Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Translation YES NO
OTHER DOCUMENTS (including author, title, date, pertinent pages, etc.)							
Examiner Initials	Ref. No.	Title					
	1.	Abe, N., et al., "An Increased High-Mobility Group A2 Expression Level is Associated with malignant Phenotype in Pancreatic Exocrine Tissue," <i>Br J Cancer</i> - 89(11):2104-9 (2003) Abstract.					
	2.	Ando, M., et al., "Selective Apoptosis of Natural Killer-Cell Tumours by L-Asparaginase," <i>Br J Haematol.</i> , - 130(6):860-8 (2005) Abstract.					
	3.	Aust, G., et al., "Human Thyroid Carcinoma Cell Lines and Normal Thyrocytes: Expression and Regulation of Matrix Metalloproteinase Inhibitor-1 Messenger-RNA and Protein," <i>Thyroid</i> - 7(5):713-24 (1997) Abstract.					
	4.	Barnes, V.L., et al., "Expression of Embryonic Fibronectin Isoform EIIIA Parallels Alpha-Smooth Muscle Actin in Maturing and Diseased Kidney," <i>J Histochem Cytochem.</i> - 47(6):787-98 (1999) Abstract.					
	5.	Bea, S., et al., "BML-1 Gene Amplification and Overexpression in Hematological Malignancies Occur Mainly in Mantle Cell Lymphomas," <i>Cancer Res.</i> - 61(6):2409-12 (2001) Abstract.					
	6.	Blaschke, V., et al., "Rapid Quantitation of Proinflammatory and Chemoattractant Cytokine Expression in Small Tissue Samples and Monocyte-Derived Dendritic Cells: Validation of a New Real-Time RT-PCR Technology," <i>J Immunol Methods.</i> - 246(1-2):79-90 (2000) Abstract.					
	7.	Buckley, A.R., et al., "Butyrate-Induced Reversal of Dexamethasone Resistance in Autonomouse Rat Nb2 Lymphoma Cells," <i>Apoptosis.</i> - 2(6):518-28 (1997) Abstract.					
	8.	Caberlotto, L. et al., "Alterations in Neuropeptide Y Levels and Y1 Binding Sites in the Flinders Sensitive Line Rats, A Genetic Animal Model of Depression," <i>Neurosci Lett.</i> - 265(3):191-4 (1999) Abstract.					
	9.	Caberlotto, L., et al., "Neurokinin 1 Receptor and Relative Abundance of the Short and Long Isoforms in the Human Brain," <i>Eur J Neurosci.</i> - 17(9):1736-46 (2003) Abstract.					
	10.	Choi, D., et al., "Characterization of Cyclin D2 Expression in Human Endometrium," <i>J Soc Gynecol Investig.</i> - 9(1):41-6 (2002) Abstract.					
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	12.	Dagenais, A., et al., "Downregulation of EnaC Activity and Expression by TNF-Alpha in Alveolar Epithelial Cells," <i>Am J Physiol Lung Cell Mol Physiol.</i> - 286(2):L301-11 (2004) Abstract.					
	13.	De Boer, C.J., et al., "Involvement of the CCND1 Gene in Hairy Cell Leukemia," <i>Ann Oncol.</i> - 7(3):251-6 (1996) Abstract.					
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OTHER DOCUMENTS (including author, title, date, pertinent pages, etc.)			
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36.	Guo, Y., et al., "The Pathogenic Role of Macrophage Migration Inhibitory Factor in Acute Respiratory Distress Syndrome," <i>Zhonghua Jie He He Hu Xi Za Zhi</i> - 25(6):337-40 (2002) Abstract.		

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37.	Habu, Y., et al., "Restored Expression and Activity of Organic Ion Transporters rOAT1, rOAT3 and rOCT2 after Hyperuricemia in the Rat Kidney," <i>Biochem Pharmacol</i> - 69(6):993-9 (2005) Abstract.		
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42.	Holten-Andersen, M.N., et al., "Localization of Tissue Inhibitor of Metalloproteinases 1 (TIMP-1) in Human Colorectal Adenoma and Adenocarcinoma," <i>Int J Cancer</i> - 113(2):198-206 (2005) Abstract.		
43.	Huang, Y.H., et al., "Tissue Plasminogen Activator Induced by Dengue Virus Infection of Human Endothelial Cells," <i>J Med Virol</i> - 70(4):610-6 (2003) Abstract.		
44.	Huettnner, P.C., et al., "Neu Oncogene Expression in Ovarian Tumors: A Quantitative Study," <i>Mod Pathol</i> - 5(3):250-6 (1992) Abstract.		
45.	Hui, P., et al., "Real-time Quantitative RT-PCR of Cyclin D1 mRNA in Mantle Cell Lymphoma: Comparison with FISH and Immunohistochemistry," <i>Leuk Lymphoma</i> - 44(8):1385-94 (2003) Abstract.		
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47.	Ihmann, T., et al., "High-level mRNA Quantification of Proliferation Marker pKi-67 is Correlated with Favorable Prognosis in Colorectal Carcinoma," <i>J Cancer Res Clin Oncol</i> - 130(12):749-56 (2004) Abstract.		
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49.	Jacquemin, E., et al., "Developmental Regulation of Acidic Fibroblast Growth Factor (aFGF) Expression in Bovine Retina," <i>Int J Biol</i> - 37(3):417-23 (1993) Abstract.		
50.	Jaime, M., et al., "The p21 (Cip1) Protein, A Cyclin Inhibitor, Regulates the Levels and the Intracellular Localization of CDC25A in Mice Regenerating Livers," <i>Hepatology</i> - 35(5):1063-71 (2002) Abstract.		
51.	Janssens, N., et al., "Alteration of Frizzled Expression in renal Cell Carcinoma," <i>Tumour Biol</i> - 25(4):161-71 (2004) Abstract.		
52.	Jungbluth, A.A., et al., "Immunohistochemical Analysis of NY-ESO-1 Antigen Expression in Normal and Malignant Human Tissues," <i>Int J Cancer</i> - 92(6):856-60 (2001) Abstract.		
53.	Kalabis, G.M., et al., "Multidrug Resistance Phosphoglycoprotein (ABCB1) in the Mouse Placenta: Fetal Protection," <i>Biol Reprod</i> - 73(4):591-7 (2005) Abstract.		
54.	Kammaori, M., et al., "Expression of Human Telomerase Reverse Transcriptase Gene and Protein, and of Estrogen and Progesterone Receptors, in Breast Tumors: Preliminary Data from Neo-Adjuvant Chemotherapy," <i>Int J Oncol</i> - 27(5):1257-63 (2005) Abstract.		
55.	Khal, J., et al., "Expression of the Ubiquitin-Proteasome Pathway and Muscle Loss in Experimental Cancer Cachexia," <i>Br J Cancer</i> - 93(7):774-80 (2005) Abstract.		
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57.	Kogo, H., et al., "Cell Type-Specific Occurrence of Caveolin-1alpha and -1beta in the Lung caused by Expression of Distinct mRNAs," <i>J Biol Chem.</i> - 279(24):25574-81 (2004) Abstract.		
58.	Kommoss, F., et al., "Oncogene and Growth Factor Expression in Ovarian Cancer," <i>Acta Obstet Gynecol Scand Suppl.</i> - 155:19-24 (1992) Abstract.		
59.	Kumar, U., et al., "Somatostatin Receptors in Primary Human Breast Cancer: Quantitative Analysis of mRNA for Subtypes 1-5 and Correlation with Receptor Protein Expression and Tumor Pathology," <i>Breast Cancer Res. Treat.</i> - 92(2):175-86 (2005) Abstract.		
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61.	Landmark, B.F., et al., "Cellular Location and Age-dependent Changes of the regulatory Subunits of cAMP-dependent Protein Kinase in Rat Testis," <i>J Reprod Fertil.</i> - 99(2):323-34 (1993) Abstract.		
62.	Lassmann, S., et al., "Quantification of CK20 Gene and Protein Expression in Colorectal Cancer by RT-PCR and Immunohistochemistry Reveals Inter- and Intratumour Heterogeneity," <i>J Pathol.</i> - 198(2):198-206 (2002) Abstract.		
63.	Legrand, O., et al., "Expression of the Multidrug Resistance-Associated Protein (MRP) mRNA and Protein in Normal Peripheral Blood and Bone Marrow Haemopoietic Cells," <i>Br J, Haematol.</i> - 94(1):23-33 (1996) Abstract.		
64.	Lemstrom, K.B., et al., "Vascular Endothelial Growth Factor Enhances Cardiac Allograft Arteriosclerosis," <i>Circulation</i> - 105(21):2524-30 (2002) Abstract.		
65.	Li, Z.B., et al., "Enhanced Expressions of Arachidonic Acid-Sensitive Tandem-Pore Domain Potassium Channels in Rat Experimental Acute Cerebral Ischemia," <i>Biochem Biophys Res Commun.</i> - 327(4):1163-9 (2005) Abstract.		
66.	Li, Y., et al., "Retinal Preconditioning and the Induction of Heat-Shock Protein 27," <i>Invest Ophthalmol Vis Sci.</i> - 44(3):1299-304 (2003) Abstract.		
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68.	Macabeo-Ong, M., et al., "Effect of Duration of Fixation on Quantitative Reverse Transcription Polymerase Chain Reaction Analyses," 15(9):979-87 (2002) Abstract.		
69.	Maruyama, H., et al., "Id-1 and Id-2 are Overexpressed in Pancreatic Cancer and in Dysplastic Lesions in Chronic Pancreatitis," <i>Am J Pathol.</i> - 155(3):815-22 (1999) Abstract.		
70.	Meehan, T.P., et al., "Tightly Regulated and Inducible Expression of a Yoked Hormone-Receptor Complex in HEK 293 Cells," <i>J Mol Endocrinol.</i> - 32(1):247-55 (2004) Abstract.		
71.	Mendoza-Rodriguez, C.A., et al., "C-fos and Estrogen Receptor Gene Expression Pattern in the Rat Uterine Epithelium During the Estrous Cycle," <i>Mol Reprod Dev.</i> 64(4):379-88 (2003) Abstract.		
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74.	Mingrone, G., et al., "Decreased Uncoupling Protein Expression and Intramyocytic Triglyceride Depletion in Formerly Obese Subjects," <i>Obes Res.</i> - 11(5):632-40 (2003) Abstract.		
75.	Miralles, C.P., et al., "Differential Expression of the Short and Long Forms of the Gamma 2 Subunit of the GABAA/benzodiazepine Receptors," <i>Brain Res Mol Res.</i> - 24(1-4):129-39 (1994) Abstract.		
76.	Mizrachi, D., et al., "Follicle-stimulating Hormone Receptor and Its Messenger Ribonucleic Acid are Present in the Bovine Cervix and Can Regulate Cervical Prostanoid Synthesis," <i>Biol Reprod.</i> - 61(3):776-84 (1999) Abstract.		
77.	Monaghan, P., et al., "The Alpha(v)beta6 Integrin Receptor for Foot-and-Mouth Disease Virus is Expressed Constitutively on the Epithelial Cells Targeted in Cattle," <i>J Gen Virol.</i> - 86(Pt 10):2769-80 (2005) Abstract.		

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78.	Montuori, N., et al., "Urokinase-Mediated Posttranscriptional Regulation of Urokinase-Receptor Expression in Non Small Cell Lung Carcinoma," <i>Int J Cancer</i> - 105(3):353-60 (2003) Abstract.		
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80.	Nie, Y., et al., "DNA Hypermethylation is a Mechanism for Loss of Expression of the HLA Class I Genes in Human Esophageal Squamous Cell Carcinomas," <i>Carcinogenesis</i> - 22(10):1615-23 (2001) Abstract.		
81.	Nuciforo, P.G., et al., "Molecular and Immunohistochemical Analysis of HER2/neu Oncogene in Synovial Sarcoma," <i>Hum Pathol.</i> - 34(7):639-45 (2003) Abstract.		
82.	Oberringer, M., et al., "Differential Expression of Heat Shock Protein 70 in Well Healing and Chronic Human Wound Tissue," <i>Biochem Biophys Res Commun.</i> - 214(3):1009-14 (1995) Abstract.		
83.	Orntoft, T.F., et al., "Genome-wide Study of Gene Copy Numbers, Transcripts, and Proteins Levels in Pairs of Non-invasive and Invasive Human Transitional Cell Carcinomas," <i>Mol Cell Proteomics.</i> - 1(1):37-45 (2002) Abstract.		
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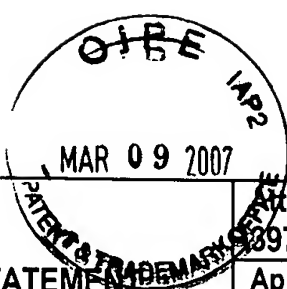
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